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IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/780,561
Confirmation No. : 1550
Applicant : Stephan W. Wegerich

Filed : February 12, 2001
Title : Signal Differentiation System
Using Improved Non-linear
Operator

TC/A.U. : 2128
Examiner : Thai Q. Phan

Docket No. : 086470-9012

I, Carolyn Hothersall, hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

Carolyn Hothersall
Signature

09/10/04

Date of Signature

RESPONSE TO OFFICE ACTION DATED MARCH 10, 2004

Mail Stop Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

[X] AUTHORIZATION TO PAY AND PETITION FOR THE ACCEPTANCE OF ANY NECESSARY FEES: If any charges or fees must be paid in connection with the following Communication (including but not limited to the payment of issue fees), they may be paid out of our deposit account No. 50-1965. If this payment also requires a Petition, please construe this authorization to pay as the necessary Petition which is required to accompany the payment.

[X] Applicant herewith petitions the Commissioner of Patents and Trademarks to extend the time for response to the Office Action dated March 10, 2004 for **three months** from June 10, 2004 to September 10, 2004 Submitted herewith is check No. 5262 for \$475.00 to cover the cost of the extension. If a check is lost, or otherwise does not accompany this Petition, please charge my deposit account number 50-1965 in the appropriate amount to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to the above numbered deposit account.

In response to the Office Action of March 10, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 12 of this paper.